0083T0 "92Th8h60

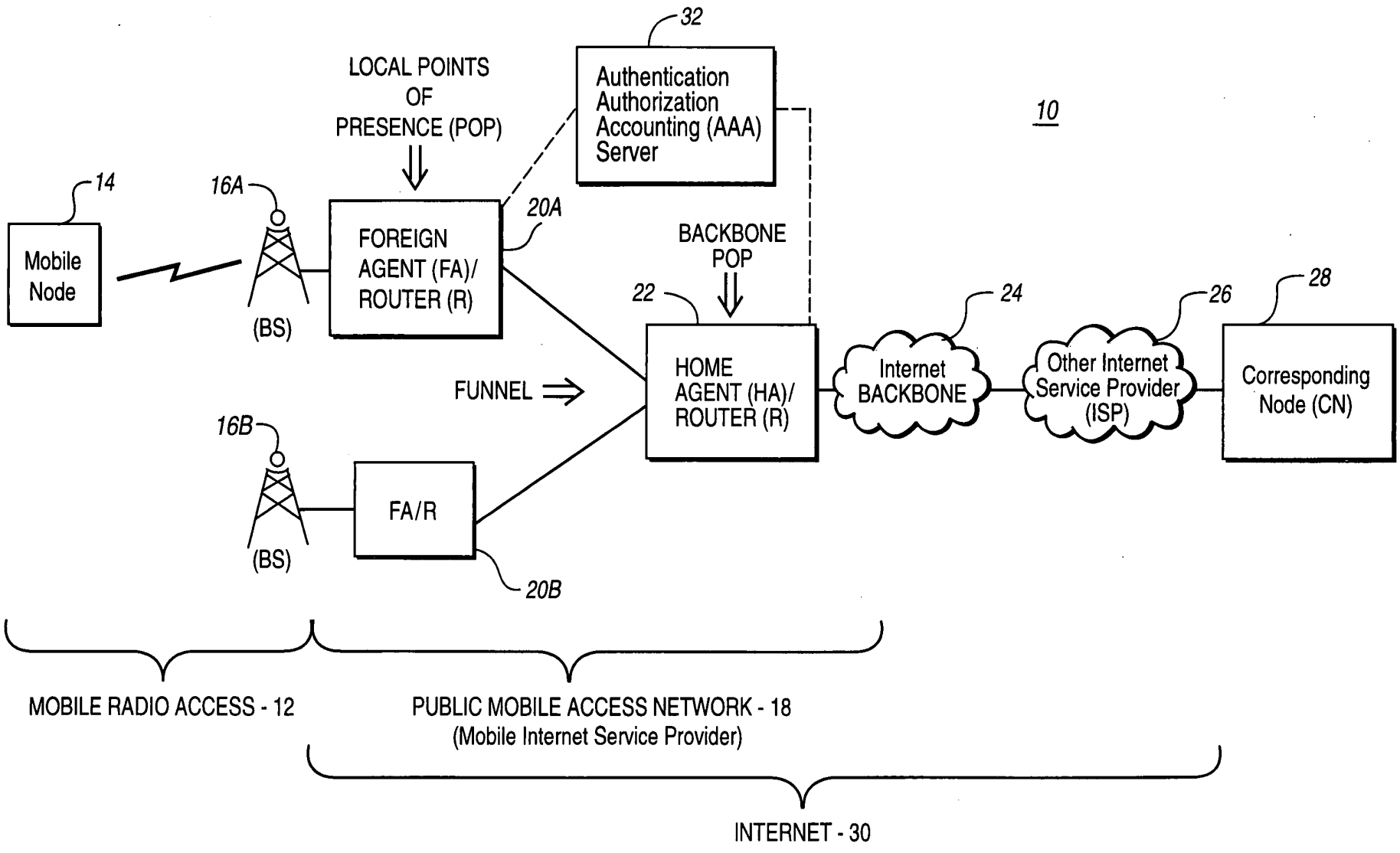
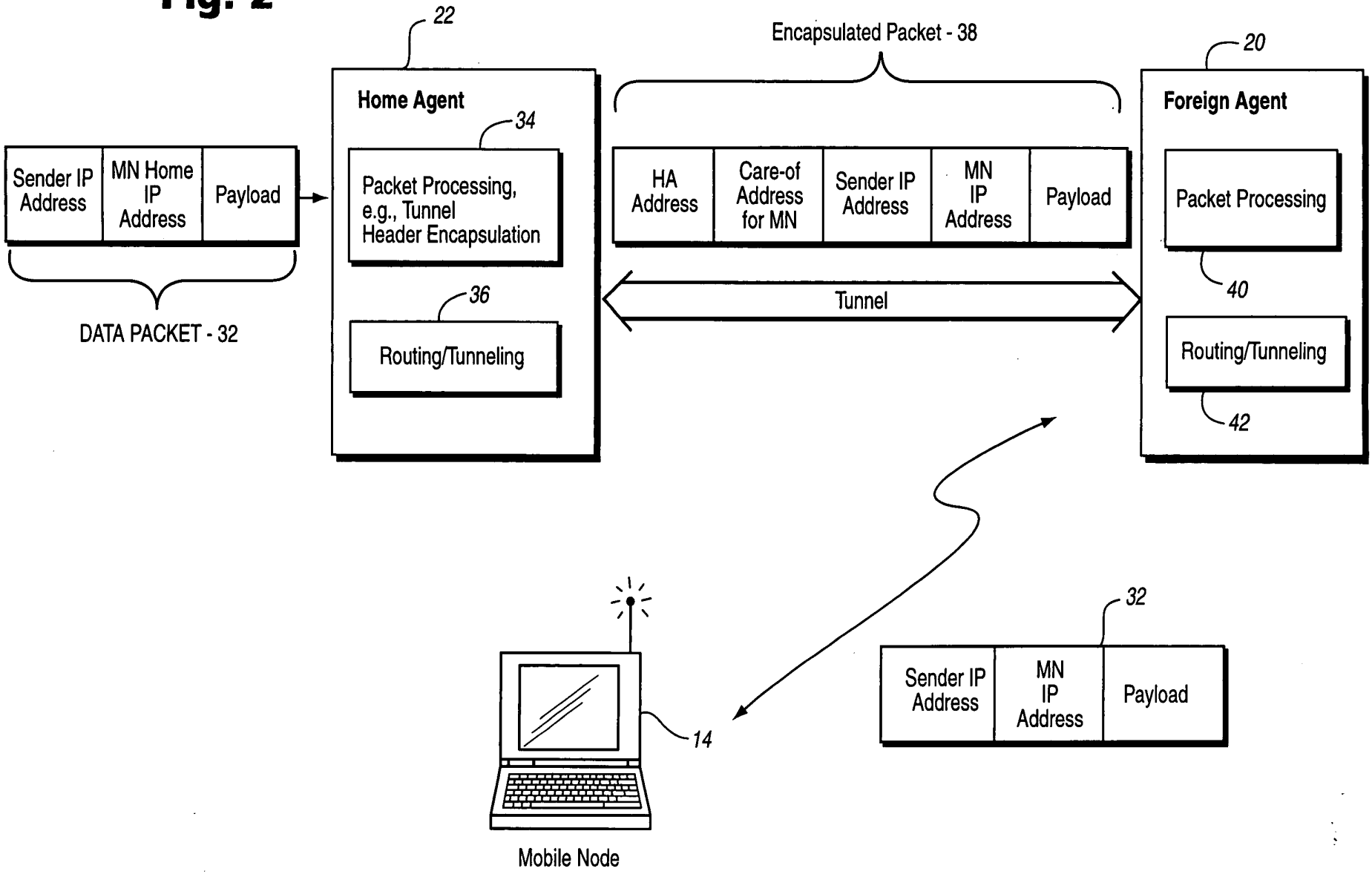


Fig. 1

0031T0* 92m83m60

Fig. 2



0081T0" 92nn8n60

Fig.3

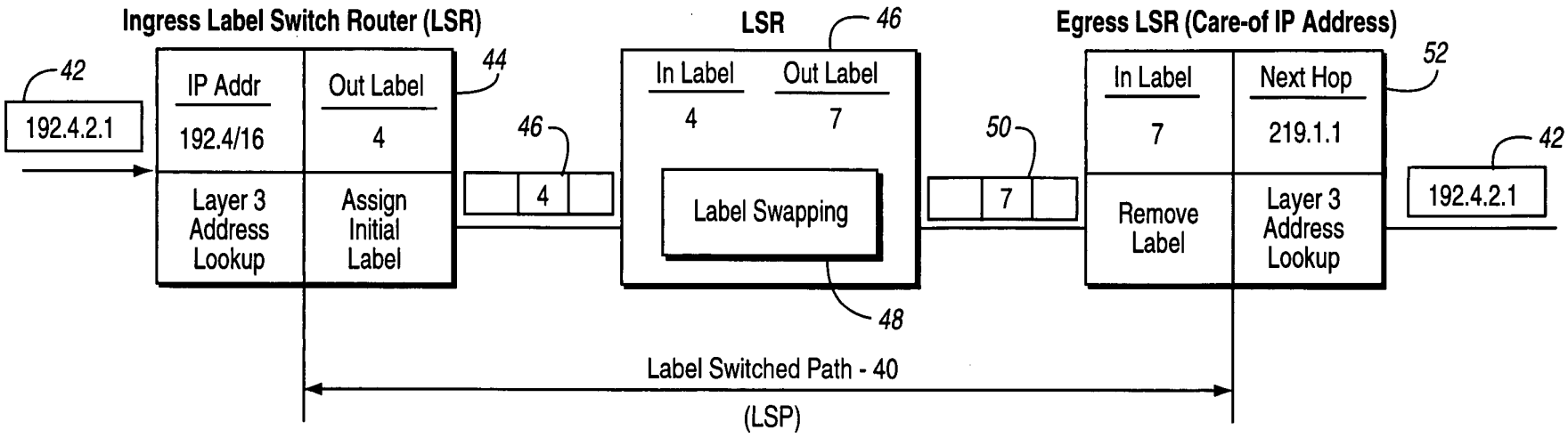
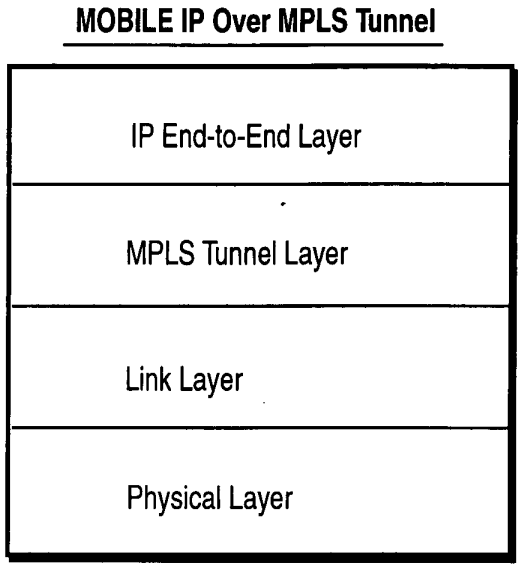


Fig.4



0081T0" 92mn8h60

Fig. 5

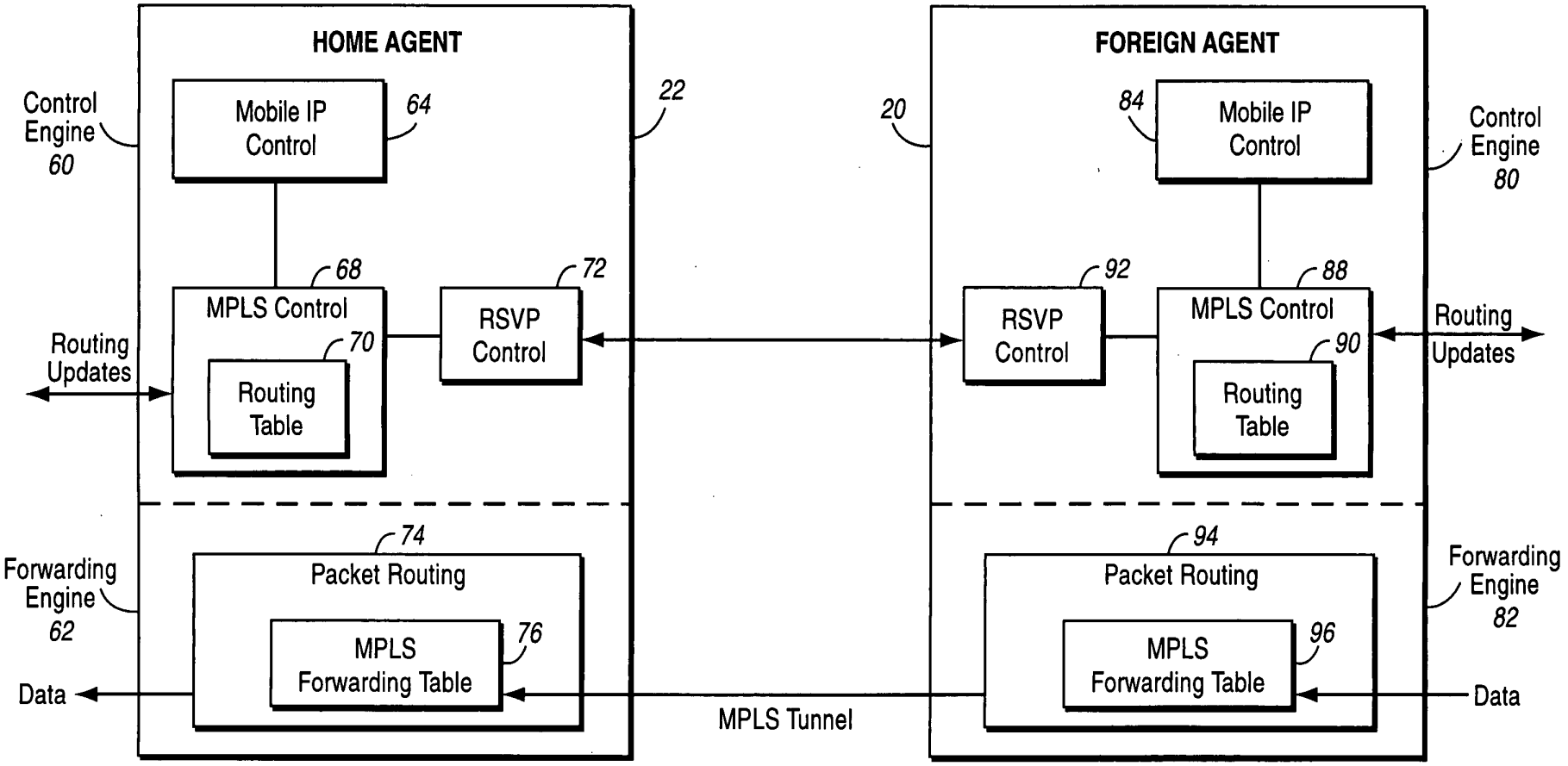


Fig. 6A

MPLS FORWARDING TABLE			
In Interface	In Label	Out Interface	Out Label
3	4	5	7

Fig. 6B

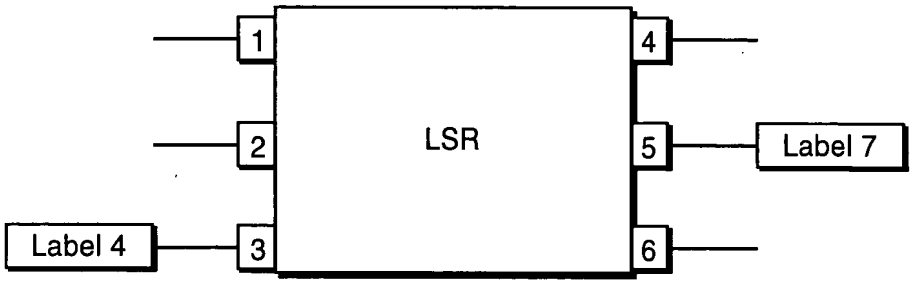
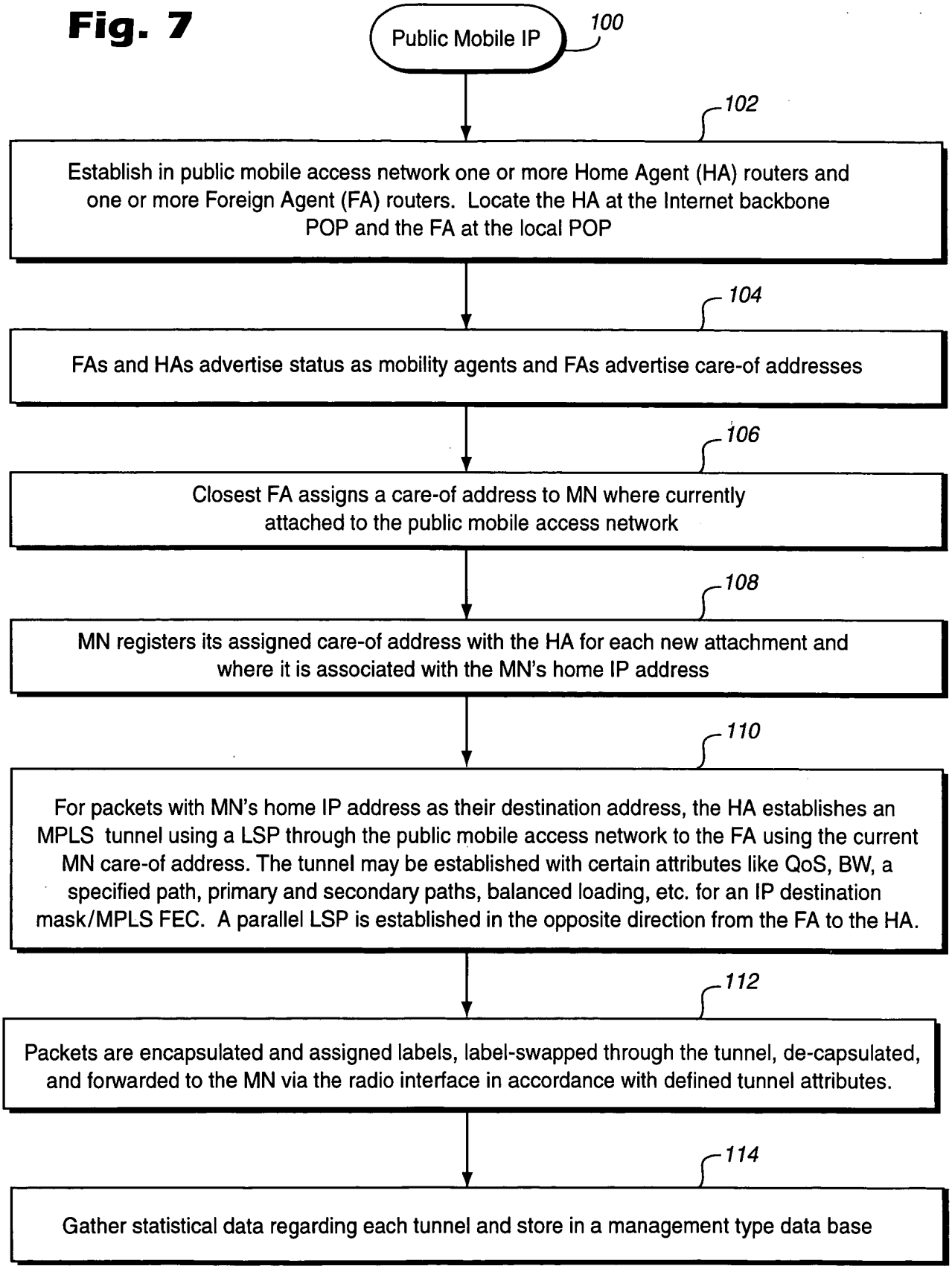


Fig. 7



Docket No. 01-4000

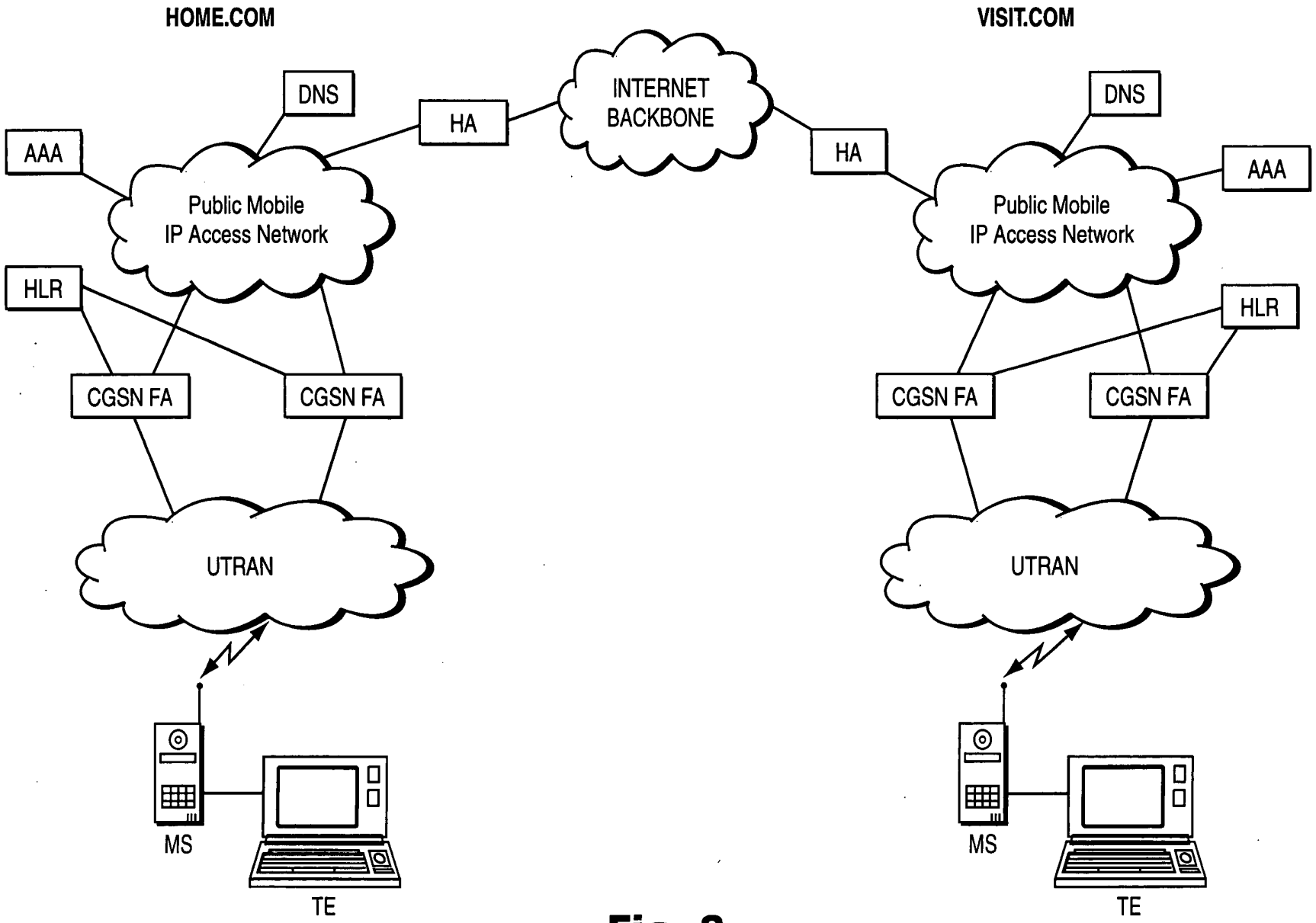
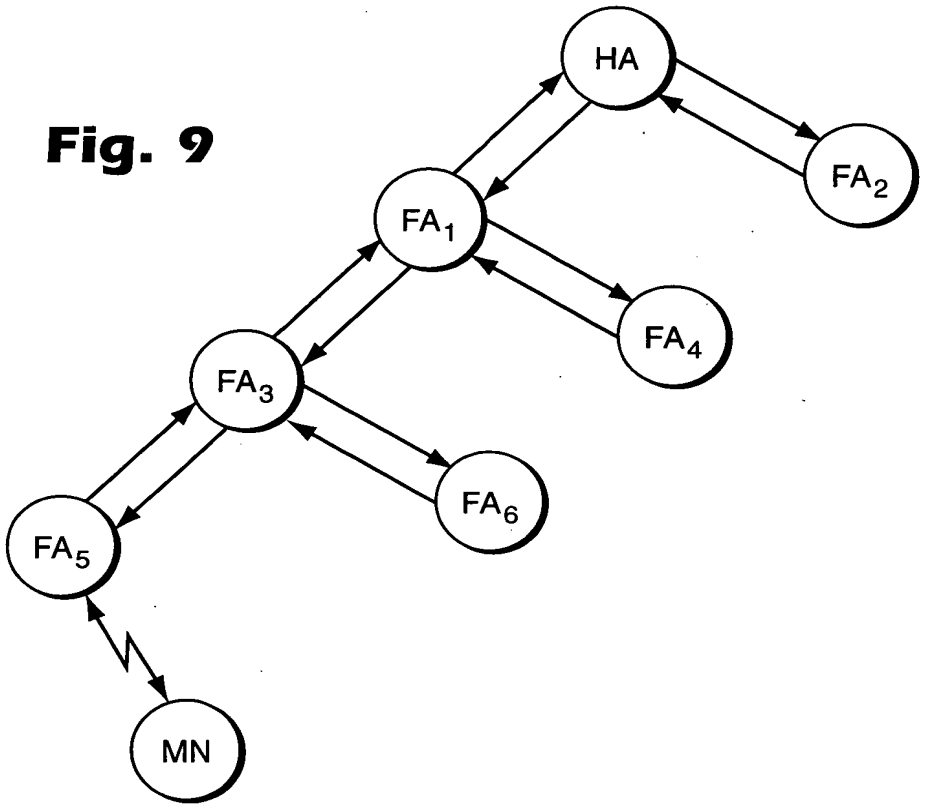

HOME.COM
VISIT.COM
INTERNET BACKBONE
DNS
HA
AAA
Public Mobile IP Access Network
HLR
CGSN FA
CGSN FA
UTRAN
MS
TE
DNS
HA
AAA
Public Mobile IP Access Network
HLR
CGSN FA
CGSN FA
UTRAN
MS
TE

Fig. 8

Docket No: 5760-0

Fig. 9



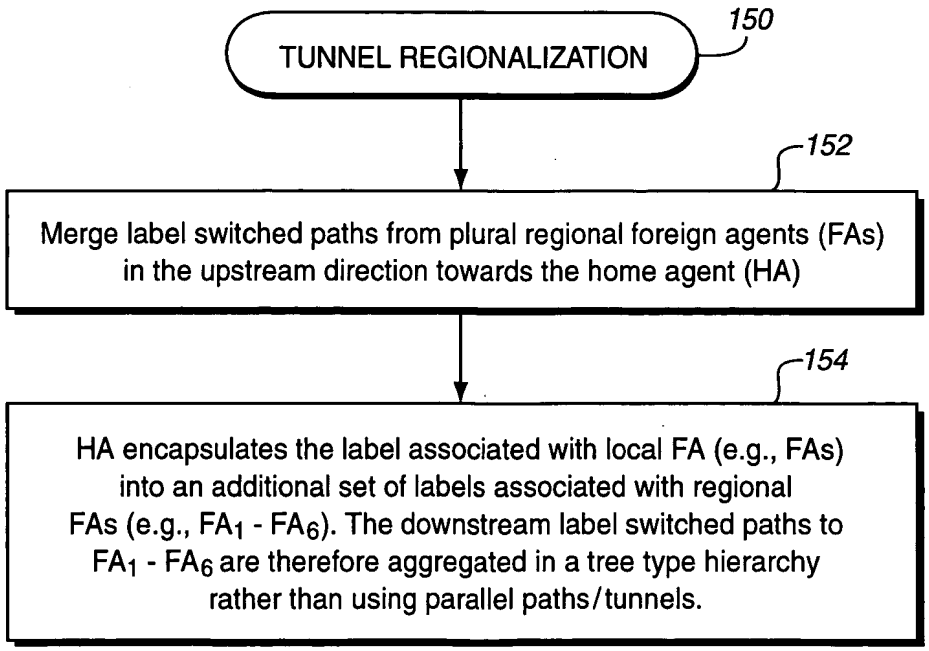


Fig. 10

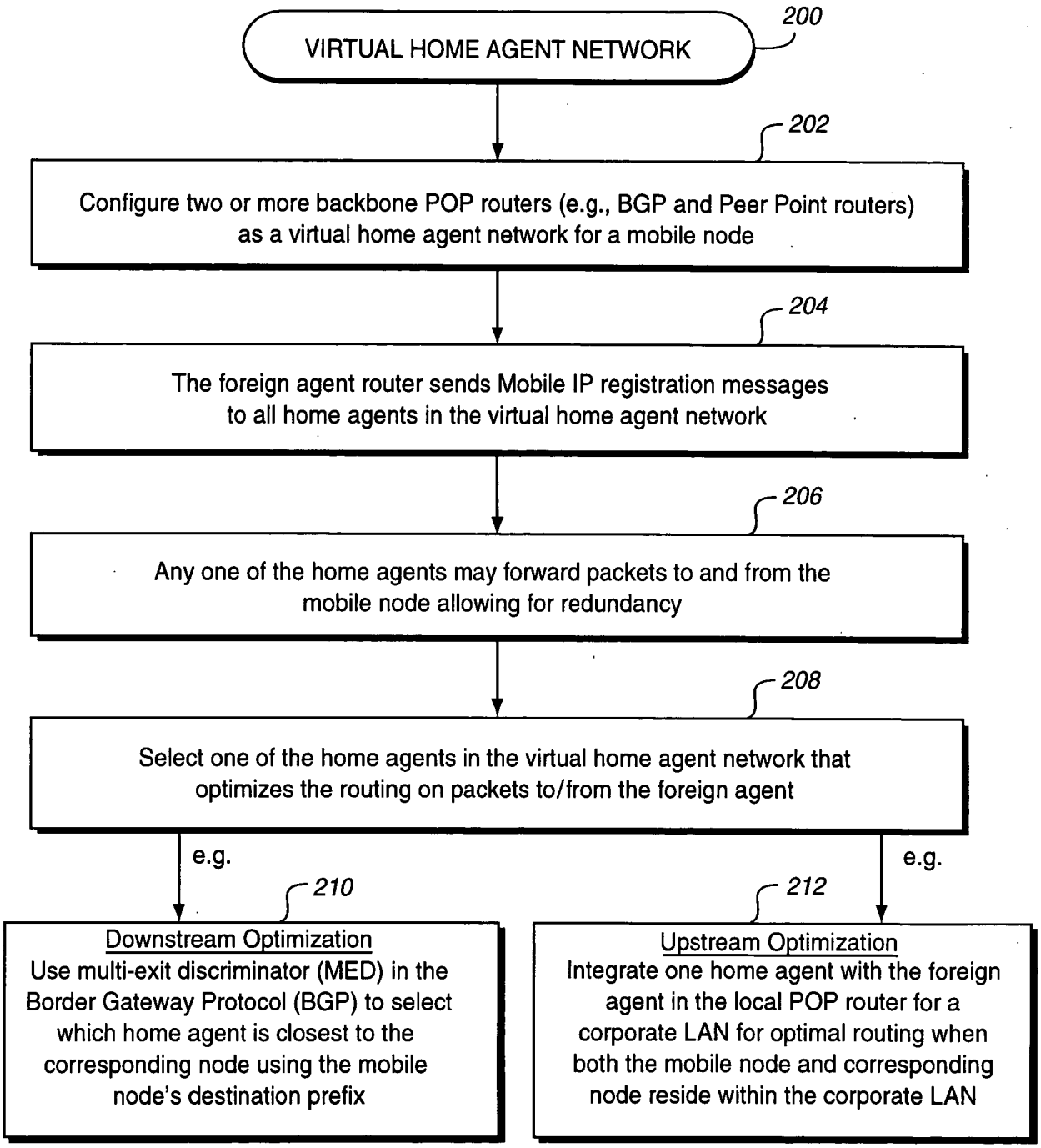

VIRTUAL HOME AGENT NETWORK
200
202
Configure two or more backbone POP routers (e.g., BGP and Peer Point routers) as a virtual home agent network for a mobile node
204
The foreign agent router sends Mobile IP registration messages to all home agents in the virtual home agent network
206
Any one of the home agents may forward packets to and from the mobile node allowing for redundancy
208
Select one of the home agents in the virtual home agent network that optimizes the routing on packets to/from the foreign agent
e.g.
e.g.
210
212
Downstream Optimization
Use multi-exit discriminator (MED) in the Border Gateway Protocol (BGP) to select which home agent is closest to the corresponding node using the mobile node's destination prefix
Upstream Optimization
Integrate one home agent with the foreign agent in the local POP router for a corporate LAN for optimal routing when both the mobile node and corresponding node reside within the corporate LAN

Fig. 11

DOBTTO 92hh8h60

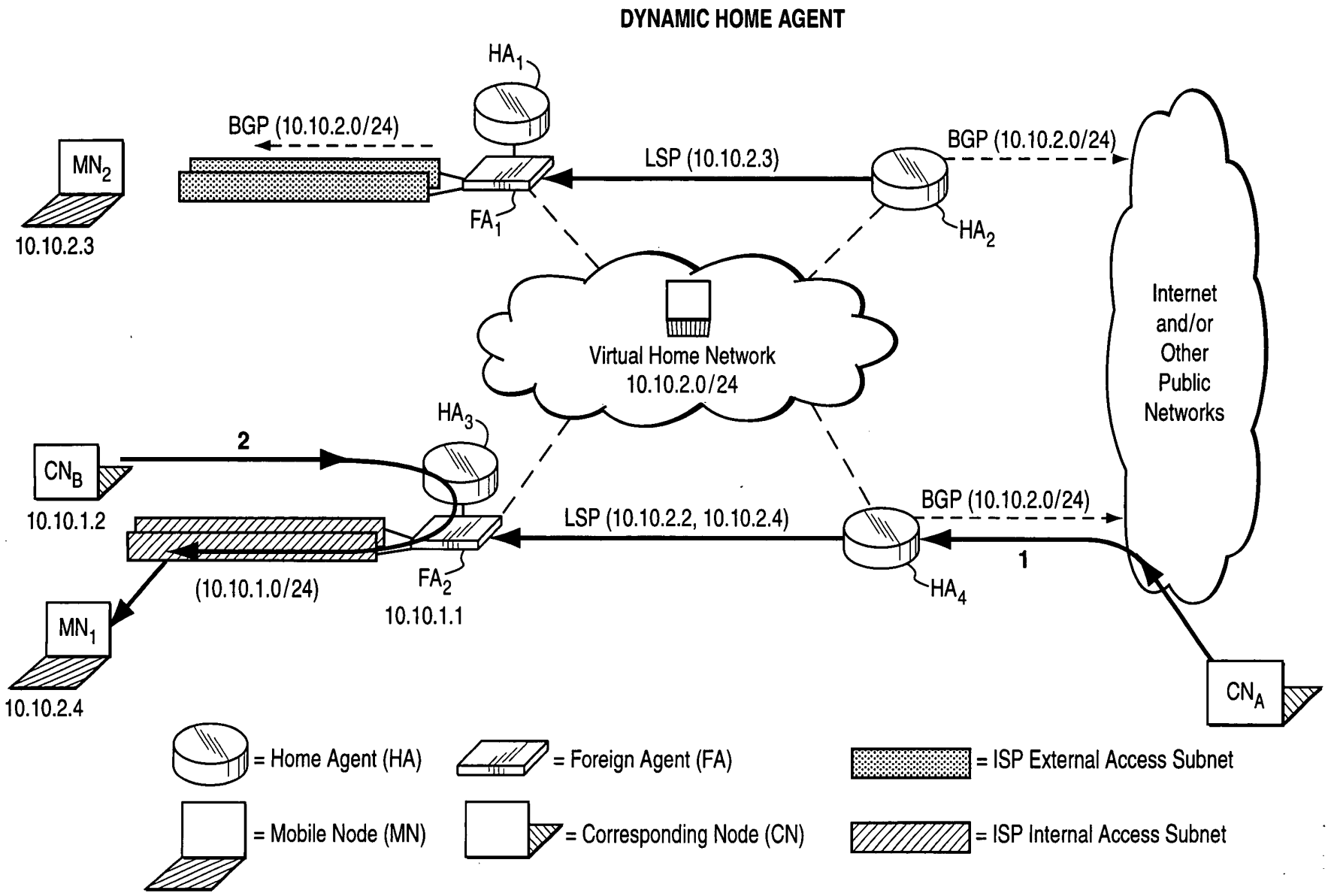


Fig. 12

DOBTTO" 92thn8h60

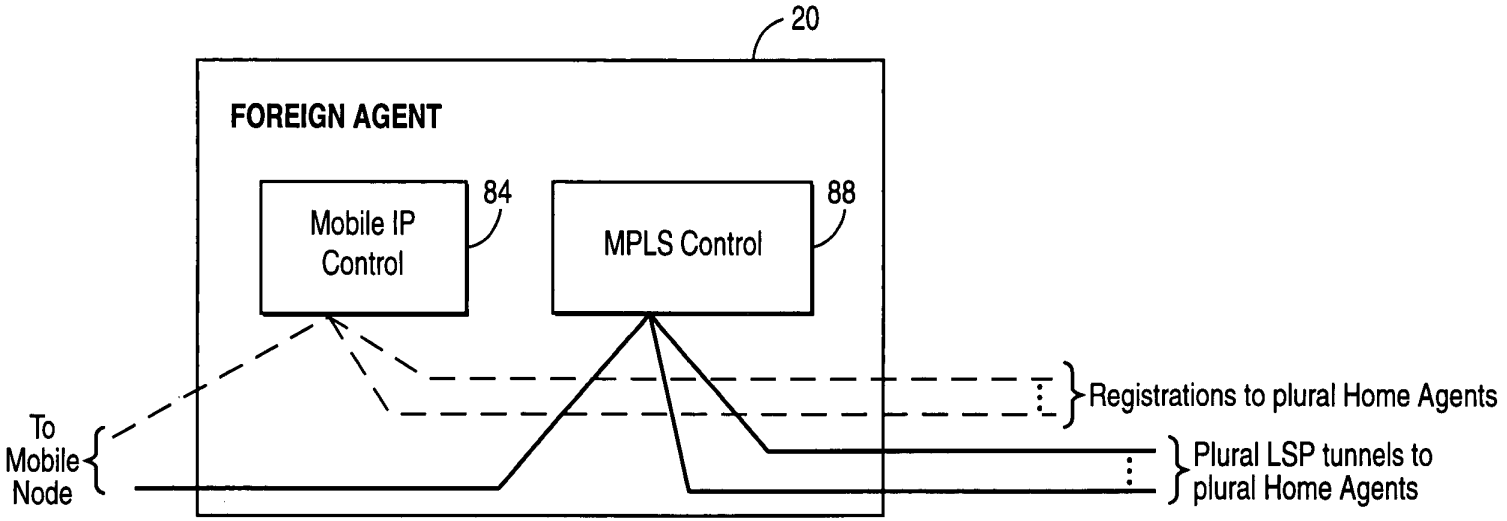


Fig. 13

DOBTO" 92hh8h60

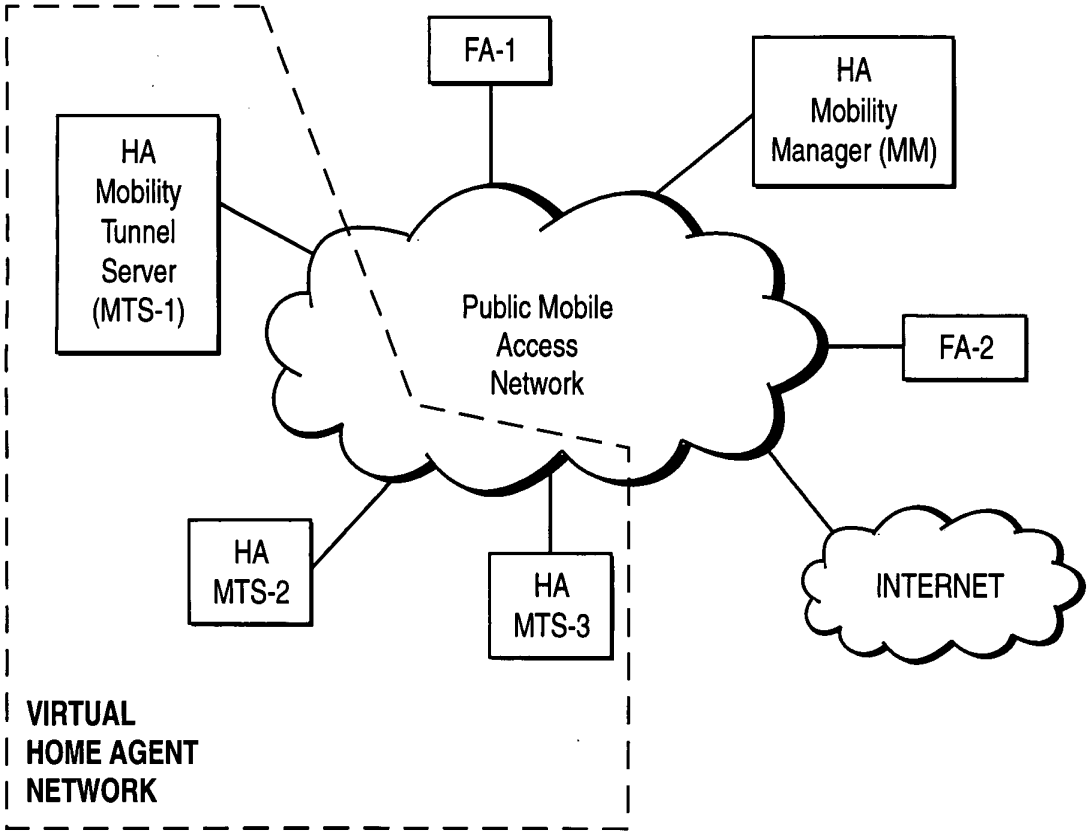


Fig. 14A

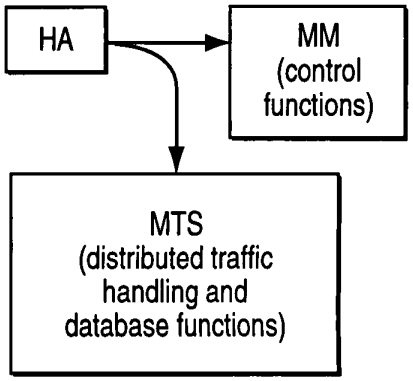


Fig. 14B